

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Notes:

- Only Science frames were displayed at instrument stations and listed here; Gaps in Exposure IDs are due to Nav frames (not archived).
- Image directions in Comments are with respect to *science orientation* with sun to right; Rotate 90-degree clockwise to match archive orientation (sun is down).
- Dark frames are in EPOXI raw HRIV calibrations dataset DIF-CAL-HRIV-2-EPOXI-CALIBRATIONS-V2.0
- Exp IDs are color-coded for data quality:

Green = good (i.e., comet in the frame as intended or a darks looks like a dark)

Red = missing (i.e., exposure ID never received on the ground)

Yellow = partially or fully corrupted (use with caution; see comments for usability)

Orange = use with caution; part or all of nucleus/comet is not in the frame as intended see comments for usability; see comments.

Final enctr parameters from Shyam Bhaskaram, Dec 14 2010:

CA = 694.3 km
 Speed = 12.3196 km/s
 Phase @ CA = 79.7 deg
 Time of CA = 13:59:45 UTC (predicted =
 Frac Time = 0.9 sec 13:59:28.8)
 Time-Predict = 1.5 sec

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
E-18hr	4000001	1	good		-64516.55	256	3	40000	1	CLEAR1		Non-comp		Sci	-64518.05	794836.9	1589.7
Dark	4000003	1	good		-64239.19	256	3	40000	1	CLEAR1	Dark	Non-comp		Sci	-64240.69	791419.9	1582.8
E-16hr	4000200	1	good		-57316.55	256	3	35000	1	CLEAR1		Non-comp		Sci	-57318.05	706135.8	1412.3
Dark	4000202	1	good		-57064.19	256	3	35000	1	CLEAR1	Dark	Non-comp		Sci	-57065.69	703026.9	1406.1
E-14hr	4000204	1	good		-50214.56	256	3	30000	1	CLEAR1		Non-comp		Sci	-50216.06	618642.1	1237.3
Dark	4000206	1	good		-50047.20	256	3	30000	1	CLEAR1	Dark	Non-comp		Sci	-50048.70	616580.3	1233.2
E-12hr	4000500	1	good		-42651.11	256	3	25000	1	CLEAR1		Non-comp		Sci	-42652.61	525463.6	1050.9
Dark	4000502	1	good		-42448.75	256	3	25000	1	CLEAR1	Dark	Non-comp		Sci	-42450.25	522970.6	1045.9
E-11hr	4000503	1	good		-39051.11	256	3	22000	1	CLEAR1		Non-comp		Sci	-39052.61	481113.0	962.2
	4000504	1	good		-39028.48	256	3	60000	1	CLEAR1		Non-comp		Sci	-39029.98	480834.3	961.7
Dark	4000506	1	good		-38803.12	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-38804.62	478058.0	956.1
E-10hr	4000507	1	good		-35858.56	256	3	20000	1	CLEAR1		Non-comp		Sci	-35860.06	441782.1	883.6
	4000508	1	good		-35837.93	256	3	60000	1	CLEAR1		Non-comp		Sci	-35839.43	441528.0	883.1
Dark	4000510	1	good		-35620.57	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-35622.07	438850.2	877.7
E-9hr	4000511	1	good		-32237.93	256	3	17000	1	CLEAR1		Non-comp		Sci	-32239.43	397177.5	794.4
	4000512	1	good		-32220.30	256	3	60000	1	CLEAR1		Non-comp		Sci	-32221.80	396960.3	793.9
Dark	4000514	1	good		-32014.94	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-32016.44	394430.4	788.9
E-8hr	4000515	1	good		-28624.55	256	3	15000	1	CLEAR1		Non-comp		Sci	-28626.05	352662.2	705.3

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
	4000516	1	good		-28608.92	256	3	60000	1	CLEAR1		Non-comp		Sci	-28610.42	352469.6	704.9
Dark	4000518	1	good		-28411.56	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-28413.06	350038.3	700.1
E-7hr	4000519	1	good		-25008.92	256	3	12000	1	CLEAR1		Non-comp		Sci	-25010.42	308119.2	616.2
	4000520	1	good		-24996.29	256	3	60000	1	CLEAR1		Non-comp		Sci	-24997.79	307963.6	615.9
Dark	4000522	1	good		-24810.94	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-24812.44	305680.1	611.4
E-6hr	4000523	1	good		-21460.55	256	3	10000	1	CLEAR1		Non-comp		Sci	-21462.05	264404.8	528.8
	4000524	1	good	saturated?	-21449.92	256	3	60000	1	CLEAR1		Non-comp		Sci	-21451.42	264273.9	528.5
Dark	4000526	1	good		-21272.56	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-21274.06	262088.9	524.2
E-5hr	4000527	1	good		-17849.92	256	3	8000	1	CLEAR1		Non-comp		Sci	-17851.42	219923.5	439.8
	4000528	1	good	saturated?	-17841.29	256	3	60000	1	CLEAR1		Non-comp		Sci	-17842.79	219817.2	439.6
Dark	4000530	1	good		-17671.94	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-17673.44	217730.8	435.5
E-4hr	4000600	1	good		-14260.55	256	3	6000	1	CLEAR1		Non-comp		Sci	-14262.05	175704.1	351.4
	4000601	1	good		-14253.92	256	3	60000	1	CLEAR1		Non-comp		Sci	-14255.42	175622.5	351.2
Dark	4000603	1	good		-14092.56	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	-14094.06	173634.6	347.3
E-3hr	4000604	1	good		-10593.56	256	3	4000	1	CLEAR1		Non-comp		Sci	-10595.06	130528.7	261.1
	4000605	1	good	saturated?	-10588.93	256	3	40000	1	CLEAR1		Non-comp		Sci	-10590.43	130471.7	260.9
Dark	4000607	1	good		-10455.57	256	3	40000	1	CLEAR1	Dark	Non-comp		Sci	-10457.07	128828.8	257.7
E-2hr	5000000	1	good		-6993.46	256	3	2000	1	CLEAR1		Non-comp		Sci	-6994.96	86177.9	172.4
	5000001	1	good	saturated?	-6990.83	256	3	20000	1	CLEAR1		Non-comp		Sci	-6992.33	86145.5	172.3
Dark	5000003	1	good		-6885.47	256	3	20000	1	CLEAR1	Dark	Non-comp		Sci	-6886.97	84847.6	169.7
E-1hr	5000005	1	good		-3466.76	512	2	180	1	CLEAR1		Non-comp		Sci	-3468.26	42733.2	85.5
	5000006	1	good		-3465.65	512	2	1800	1	CLEAR1		Non-comp		Sci	-3467.15	42719.5	85.4

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
E-45min	5000022	1	good		-2800.42	512	2	150	1	CLEAR1		Non-comp		Sci	-2801.92	34525.5	69.1
	5000023	1	good		-2799.33	512	2	1500	1	CLEAR1		Non-comp		Sci	-2800.83	34512.1	69.0
Dark	5000024	1	good		-2786.90	512	2	150	1	CLEAR1	Dark	Non-comp		Sci	-2788.40	34359.0	68.7
Dark	5000025	1	good		-2785.81	512	2	1500	1	CLEAR1	Dark	Non-comp		Sci	-2787.31	34345.6	68.7
Dark	5000026	1	good		-2783.38	512	2	150	1	CLEAR1	Dark	Non-comp		Sci	-2784.88	34315.6	68.6
Dark	5000027	1	good		-2782.29	512	2	1500	1	CLEAR1	Dark	Non-comp		Sci	-2783.79	34302.2	68.6
E-37min	5000065	1	good		-2235.69	512	2	150	1	CLEAR1		Non-comp		Sci	-2237.19	27570.0	55.1
	5000066	1	good		-2234.60	512	2	1500	1	CLEAR1		Non-comp		Sci	-2236.10	27556.6	55.1
E-30min	5000095	1	good		-1815.69	1024	1	150	1	CLEAR1		Non-comp		Sci	-1817.19	22397.8	44.8
	5000096	1	good		-1813.70	1024	1	1500	1	CLEAR1		Non-comp		Sci	-1815.20	22373.4	44.7
E-25min	5000118	1	good		-1500.69	1024	1	150	1	CLEAR1		Compress	0	Sci	-1502.19	18519.4	37.0
	5000119	1	good		-1498.70	1024	1	1500	1	CLEAR1		Compress	0	Sci	-1500.20	18494.9	37.0
	5000120	1	good		-1495.37	1024	1	1000	3	GREEN		Compress	0	Sci	-1496.87	18453.9	36.9
	5000121	1	good		-1490.34	1024	1	6500	4	VIOLET		Compress	0	Sci	-1491.84	18392.0	36.8
	5000123	1	good		-1476.63	1024	1	4200	5	IR		Non-comp		Sci	-1478.13	18223.2	36.4
	5000124	1	good		-1469.49	1024	1	1400	7	RED		Non-comp		Sci	-1470.99	18135.4	36.3
E-21min	5000139	1	good		-1265.42	1024	1	150	1	CLEAR1		Non-comp		Sci	-1266.92	15623.4	31.2
	5000140	1	good		-1263.44	1024	1	1500	1	CLEAR1		Non-comp		Sci	-1264.94	15599.0	31.2
E-18min	5000152	1	good		-1101.42	1024	1	150	1	CLEAR1		Non-comp		Sci	-1102.92	13605.3	27.2
	5000153	1	good		-1099.44	1024	1	1500	1	CLEAR1		Non-comp		Sci	-1100.94	13580.9	27.2
E-15min	5002000	1	good		-951.42	1024	1	150	1	CLEAR1		Non-comp		Sci	-952.92	11760.1	23.5
	5002001	1	good		-949.44	1024	1	1500	1	CLEAR1		Non-comp		Sci	-950.94	11735.7	23.5

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Dark	5002003	1	good		-929.52	1024	1	150	1	CLEAR1	Dark	Non-comp		Sci	-931.02	11490.8	23.0
Dark	5002004	1	good		-927.54	1024	1	1500	1	CLEAR1	Dark	Non-comp		Sci	-929.04	11466.5	22.9
Dark	5002005	1	good		-924.21	1024	1	150	1	CLEAR1	Dark	Non-comp		Sci	-925.71	11425.5	22.9
Dark	5002006	1	good		-922.23	1024	1	1500	1	CLEAR1	Dark	Non-comp		Sci	-923.73	11401.1	22.8
E-12min	5002015	1	good		-801.81	1024	1	150	1	CLEAR1		Non-comp		Sci	-803.31	9920.8	19.8
	5002016	1	good		-799.83	1024	1	1500	1	CLEAR1		Non-comp		Sci	-801.33	9896.5	19.8
E-10min	5002028	1	good		-639.41	1024	1	150	1	CLEAR1		Non-comp		Sci	-640.91	7926.3	15.9
	5002029	1	good		-637.43	1024	1	1500	1	CLEAR1		Non-comp		Sci	-638.93	7901.9	15.8
	5002031	1	good		-629.92	1024	1	1250	9	ORANGE		Compress	0	Sci	-631.42	7809.7	15.6
	5002032	1	good		-618.04	1024	1	2200	8	NIR		Compress	0	Sci	-619.54	7663.9	15.3
	5002033	1	good		-612.90	1024	1	1400	7	RED		Compress	0	Sci	-614.40	7601.0	15.2
	5002035	1	good		-605.29	1024	1	4200	5	IR		Compress	0	Sci	-606.79	7507.6	15.0
	5002036	1	good		-598.16	1024	1	6200	4	VIOLET		Compress	0	Sci	-599.66	7420.1	14.8
	5002037	1	good		-589.03	1024	1	1300	3	GREEN		Compress	0	Sci	-590.53	7308.1	14.6
	5002038	1	good		-584.79	1024	1	2000	2	BLUE		Compress	0	Sci	-586.29	7256.2	14.5
E-8.5min	5002044	1	good	nucleus near right edge	-512.43	1024	1	150	1	CLEAR1		Non-comp		Sci	-513.93	6369.4	12.7
	5002045	1	good	near right edgenucleus	-510.45	1024	1	1500	1	CLEAR1		Non-comp		Sci	-511.95	6345.1	12.7
E-6.5min	5002053	1	good	nucleus on edge	-412.17	1024	1	150	1	CLEAR1		Non-comp		Sci	-413.67	5143.3	10.3
	5002054	1	good	nucleus on edge	-410.18	1024	1	1500	1	CLEAR1		Non-comp		Sci	-411.68	5119.1	10.2
E-5.5min	5002061	1	good		-325.77	1024	1	150	1	CLEAR1		Non-comp		Sci	-327.27	4091.2	8.2
E-4.5min	5002067	1	good		-254.49	1024	1	150	1	CLEAR1		Non-comp		Sci	-255.99	3229.2	6.5
	5002068	1	good		-252.51	1024	1	150	1	CLEAR1		Non-comp		Sci	-254.01	3205.4	6.4

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
E-3.5min	5004000	1	good		-199.42	1024	1	150	1	CLEAR1		Non-comp		Sci	-200.92	2570.7	5.1
	5004001	1	good		-197.43	1024	1	1500	1	CLEAR1		Non-comp		Sci	-198.93	2547.2	5.1
E-3min	5004004	1	good		-173.68	1024	1	150	1	CLEAR1		Non-comp		Sci	-175.18	2267.1	4.5
	5004005	1	good		-171.70	1024	1	1500	1	CLEAR1		Non-comp		Sci	-173.20	2243.8	4.5
E-2.5min	5004008	1	good		-146.08	1024	1	150	1	CLEAR1		Non-comp		Sci	-147.58	1946.2	3.9
	5004009	1	good	saturated?	-144.10	1024	1	1500	1	CLEAR1		Non-comp		Sci	-145.60	1923.4	3.8
E-2min	5004012	1	caution	Nucleus in Lower Right Quadrant, circular end cut off	-118.84	1024	1	375	1	CLEAR1		Non-comp		Sci	-120.34	1637.0	3.3
Nadir high res	5004015	1	caution	nucleus on edge	-99.57	1024	1	125	1	CLEAR1		Non-comp		Sci	-101.07	1425.6	2.9
	5004018	1	caution	Nucleus in Lower Right Quadrant, circular end cut off	-78.45	1024	1	375	1	CLEAR1		Non-comp		Sci	-79.95	1205.0	2.4
Nadir high res	5004022	1	caution	nucleus at corner	-57.98	1024	1	125	1	CLEAR1		Non-comp		Sci	-59.48	1009.4	2.0
	5004024	1	caution	nucleus just tip of wider end at bottom right	-47.94	1024	1	375	1	CLEAR1		Non-comp		Sci	-49.44	923.6	1.8
	5004025	1	caution	no comet	-38.75	1024	1	125	1	CLEAR1		Non-comp		Sci	-40.25	853.2	1.7
	5004027	1	caution	off nucleus; grains	-28.61	1024	1	375	1	CLEAR1		Non-comp		Sci	-30.11	787.2	1.6
	5004028	1	caution	no comet	-18.22	1024	1	125	1	CLEAR1		Non-comp		Sci	-19.72	735.6	1.5
	5004030	1	caution	off nucleus; grains	-9.28	1024	1	375	1	CLEAR1		Non-comp		Sci	-10.78	706.9	1.4
	5004031	1	caution	no comet	-0.10	1024	1	125	1	CLEAR1		Non-comp		Sci	-1.60	694.6	1.4
	5004033	1	caution	off nucleus; grains	10.14	1024	1	375	1	CLEAR1		Non-comp		Sci	8.64	702.4	1.4
	5004034	1	caution	no comet	20.43	1024	1	125	1	CLEAR1		Non-comp		Sci	18.93	732.4	1.5
	5004036	1	caution	off nucleus; grains	30.57	1024	1	375	1	CLEAR1		Non-comp		Sci	29.07	781.2	1.6
	5004037	1	caution	no comet	40.66	1024	1	125	1	CLEAR1		Non-comp		Sci	39.16	845.5	1.7
	5004039	1	caution	nucleus lower center, grain point sources	49.62	1024	1	375	1	CLEAR1		Non-comp		Sci	48.12	913.0	1.8
	5004040	1	caution	nucleus on edge	59.93	1024	1	125	1	CLEAR1		Non-comp		Sci	58.43	1000.1	2.0

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Nadir high res	5006000	1	caution	comet bottom	79.79	1024	1	375	1	CLEAR1		Non-comp		Sci	78.29	1188.4	2.4
	5006002	1	caution	nucleus on edge	99.99	1024	1	125	1	CLEAR1		Non-comp		Sci	98.49	1398.0	2.8
E+2min	5006004	1	good		119.95	1024	1	375	1	CLEAR1		Non-comp		Sci	118.45	1616.0	3.2
E+2.5min	5006007	1	good		137.16	1024	1	150	1	CLEAR1		Non-comp		Sci	135.66	1809.7	3.6
	5006008	1	good		143.14	1024	1	1500	1	CLEAR1		Non-comp		Sci	141.64	1878.0	3.8
E+3min	5006011	1	good		165.47	1024	1	150	1	CLEAR1		Non-comp		Sci	163.97	2136.0	4.3
	5006012	1	good		171.35	1024	1	1500	1	CLEAR1		Non-comp		Sci	169.85	2204.7	4.4
E+3.5min	5006015	1	good		199.69	1024	1	150	1	CLEAR1		Non-comp		Sci	198.19	2538.4	5.1
	5006016	1	good		204.17	1024	1	1500	1	CLEAR1		Non-comp		Sci	202.67	2591.5	5.2
E+4.5min	5006022	1	good		257.15	1024	1	150	1	CLEAR1		Non-comp		Sci	255.65	3225.1	6.5
E+5.5min	5006027	1	good		321.63	1024	1	150	1	CLEAR1		Non-comp		Sci	320.13	4004.5	8.0
E+6.5min	5006036	1	good	nucleus in the right	431.25	1024	1	150	1	CLEAR1		Non-comp		Sci	429.75	5339.7	10.7
	5006037	1	good	nucleus in the right	433.23	1024	1	1500	1	CLEAR1		Non-comp		Sci	431.73	5363.9	10.7
E+7.5min	5006046	1	good		549.80	1024	1	150	1	CLEAR1		Non-comp		Sci	548.30	6790.4	13.6
	5006047	1	good		551.78	1024	1	1500	1	CLEAR1		Non-comp		Sci	550.28	6814.7	13.6
	5006048	1	good		555.12	1024	1	2000	2	BLUE		Compress	0	Sci	553.62	6855.6	13.7
	5006049	1	good		560.05	1024	1	1100	3	GREEN		Compress	0	Sci	558.55	6916.0	13.8
	5006050	1	good		564.08	1024	1	13000	4	VIOLET		Compress	0	Sci	562.58	6965.5	13.9
	5006051	1	good		580.01	1024	1	5300	5	IR		Compress	0	Sci	578.51	7160.8	14.3
	5006052	1	good		588.24	1024	1	1400	7	RED		Compress	0	Sci	586.74	7261.7	14.5
	5006053	1	good		593.68	1024	1	2300	8	NIR		Compress	0	Sci	592.18	7328.3	14.7

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Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
	5006054	1	good		598.91	1024	1	1100	9	ORANGE		Compress	0	Sci	597.41	7392.5	14.8
E+10min	5006058	1	good		640.12	1024	1	175	1	CLEAR1		Non-comp		Sci	638.62	7898.1	15.8
	5006059	1	caution	comet not found due to slew motion?	650.92	1024	1	1750	1	CLEAR1		Non-comp		Sci	649.42	8030.7	16.1
E+12min	5007000	1	good		803.61	1024	1	175	1	CLEAR1		Non-comp		Sci	802.11	9906.0	19.8
	5007001	1	good		805.61	1024	1	1750	1	CLEAR1		Non-comp		Sci	804.11	9930.6	19.9
E+15min	5007017	1	good		954.34	1024	1	175	1	CLEAR1		Non-comp		Sci	952.84	11759.2	23.5
	5007018	1	good		956.35	1024	1	1750	1	CLEAR1		Non-comp		Sci	954.85	11783.9	23.6
E+18min	5007032	1	good		1113.03	1024	1	175	1	CLEAR1		Non-comp		Sci	1111.53	13711.2	27.4
	5007033	1	good		1115.04	1024	1	1750	1	CLEAR1		Non-comp		Sci	1113.54	13735.9	27.5
E+21min	5007045	1	good		1277.72	1024	1	175	1	CLEAR1		Non-comp		Sci	1276.22	15737.9	31.5
	5007046	1	good		1279.73	1024	1	1750	1	CLEAR1		Non-comp		Sci	1278.23	15762.6	31.5
E+25min	5007060	1	good		1470.24	1024	1	1100	3	GREEN		Compress	0	Sci	1468.74	18107.6	36.2
	5007061	1	good		1475.37	1024	1	13000	4	VIOLET		Compress	0	Sci	1473.87	18170.8	36.3
	5007062	1	good		1491.30	1024	1	5600	5	IR		Compress	0	Sci	1489.80	18366.9	36.7
	5007063	1	good		1499.84	1024	1	1500	7	RED		Compress	0	Sci	1498.34	18472.0	36.9
	5007064	1	good		1505.37	1024	1	175	1	CLEAR1		Non-comp		Sci	1503.87	18540.1	37.1
	5007065	1	good		1513.98	1024	1	1750	1	CLEAR1		Non-comp		Sci	1512.48	18646.0	37.3
E+30min	5007082	1	good		1820.16	1024	1	175	1	CLEAR1		Non-comp		Sci	1818.66	22415.9	44.8
	5007083	1	good		1822.16	1024	1	1750	1	CLEAR1		Non-comp		Sci	1820.66	22440.6	44.9
E+37min	5007084	1	good		2211.25	1024	1	175	1	CLEAR1		Non-comp		Sci	2209.75	27232.0	54.5
	5007085	1	good		2213.25	1024	1	1750	1	CLEAR1		Non-comp		Sci	2211.75	27256.8	54.5
E+48min	5007086	1	good		2781.84	512	2	175	1	CLEAR1		Non-comp		Sci	2780.34	34259.7	68.5

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
	5007087	1	good		2782.95	512	2	1750	1	CLEAR1		Non-comp		Sci	2781.45	34273.3	68.5
Dark	5007088	1	good		2787.63	512	2	175	1	CLEAR1	Dark	Non-comp		Sci	2786.13	34331.0	68.7
Dark	5007089	1	good		2788.74	512	2	1750	1	CLEAR1	Dark	Non-comp		Sci	2787.24	34344.7	68.7
Dark	5007090	1	good		2791.43	512	2	175	1	CLEAR1	Dark	Non-comp		Sci	2789.93	34377.8	68.8
Dark	5007091	1	good		2792.54	512	2	1750	1	CLEAR1	Dark	Non-comp		Sci	2791.04	34391.4	68.8
E+1hr	5007092	1	good		3416.82	512	2	185	1	CLEAR1		Non-comp		Sci	3415.32	42081.1	84.2
	5007093	1	good		3417.94	512	2	1850	1	CLEAR1		Non-comp		Sci	3416.44	42094.9	84.2
E+2hr	4000800	1	good	saturated?	7285.94	256	3	3000	1	CLEAR1		Non-comp		Sci	7284.44	89744.1	179.5
	4000801	1	good		7289.57	256	3	30000	1	CLEAR1		Non-comp		Sci	7288.07	89788.8	179.6
dark	4000802	1	good		7330.20	256	3	30000	1	CLEAR1	Dark	Non-comp		Sci	7328.70	90289.3	180.6
E+3hr	4001000	1	caution	no comet -dark?	10922.94	256	3	5800	1	CLEAR1		Non-comp		Sci	10921.44	134549.6	269.1
	4001001	1	caution	no comet-dark?	10929.37	256	3	58000	1	CLEAR1		Non-comp		Sci	10927.87	134628.8	269.3
Dark	4001002	1	good		10998.00	256	3	58000	1	CLEAR1	Dark	Non-comp		Sci	10996.50	135474.2	270.9
E+4hr	4001200	1	good		14433.45	256	3	8700	1	CLEAR1		Non-comp		Sci	14431.95	177797.2	355.6
	4001201	1	caution	comet elongated?	14442.78	256	3	60000	1	CLEAR1		Non-comp		Sci	14441.28	177912.1	355.8
	4001202	1	good		14513.41	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	14511.91	178782.2	357.6
E+5hr	4001400	1	good		18033.45	256	3	11000	1	CLEAR1		Non-comp		Sci	18031.95	222147.5	444.3
	4001401	1	good		18045.08	256	3	60000	1	CLEAR1		Non-comp		Sci	18043.58	222290.7	444.6
Dark	4001402	1	good		18115.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	18114.21	223160.9	446.3
E+6hr	4001600	1	caution	smearred?	21633.45	256	3	15000	1	CLEAR1		Non-comp		Sci	21631.95	266497.9	533.0
	4001601	1	caution	smearred?	21649.08	256	3	60000	1	CLEAR1		Non-comp		Sci	21647.58	266690.4	533.4
Dark	4001602	1	good		21719.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	21718.21	267560.5	535.1
E+7hr	4001800	1	good		25252.45	256	3	19000	1	CLEAR1		Non-comp		Sci	25250.95	311082.4	622.2

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
	4001801	1	good		25272.08	256	3	60000	1	CLEAR1		Non-comp		Sci	25270.58	311324.2	622.6
Dark	4001802	1	good		25342.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	25341.21	312194.3	624.4
E+8hr	4002000	1	good		28871.45	256	3	23000	1	CLEAR1		Non-comp		Sci	28869.95	355666.9	711.3
	4002001	1	good		28895.08	256	3	60000	1	CLEAR1		Non-comp		Sci	28893.58	355958.0	711.9
Dark	4002002	1	good		28965.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	28964.21	356828.1	713.7
E+9hr	4002200	1	good		32490.45	256	3	27000	1	CLEAR1		Non-comp		Sci	32488.95	400251.5	800.5
	4002201	1	good		32518.08	256	3	60000	1	CLEAR1		Non-comp		Sci	32516.58	400591.8	801.2
Dark	4002202	1	good		32588.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	32587.21	401461.9	802.9
E+10hr	4002400	1	good		36109.45	256	3	31000	1	CLEAR1		Non-comp		Sci	36107.95	444836.0	889.7
	4002401	1	good		36141.08	256	3	60000	1	CLEAR1		Non-comp		Sci	36139.58	445225.7	890.5
Dark	4002402	1	good		36211.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	36210.21	446095.8	892.2
E+11hr	4002600	1	good		39728.45	256	3	34000	1	CLEAR1		Non-comp		Sci	39726.95	489420.6	978.8
	4002601	1	good		39763.08	256	3	60000	1	CLEAR1		Non-comp		Sci	39761.58	489847.2	979.7
Dark	4002602	1	good		39833.71	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	39832.21	490717.3	981.4
E+12hr	4003000	1	good		43347.45	256	3	37000	1	CLEAR1		Non-comp		Sci	43345.95	534005.2	1068.0
Dark	4003001	1	good		43395.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	43393.58	534592.0	1069.2
E+14hr	4003400	1	good		50585.45	256	3	45000	1	CLEAR1		Non-comp		Sci	50583.95	623174.4	1246.3
Dark	4003401	1	good		50641.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	50639.58	623859.7	1247.7
E+16hr	4003800	1	good		57785.45	256	3	53000	1	CLEAR1		Non-comp		Sci	57783.95	711875.5	1423.8
Dark	4003801	1	good		57849.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	57847.58	712659.4	1425.3
E+18hr	4004200	1	caution	slewing	64985.45	256	3	60000	1	CLEAR1		Non-comp		Sci	64983.95	800576.6	1601.2
Dark	4004201	1	good		65056.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	65054.58	801446.7	1602.9
E+20hr	4004600	1	good		72185.45	256	3	60000	1	CLEAR1		Non-comp		Sci	72183.95	889277.7	1778.6

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
Dark	4004601	1	good		72256.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	72254.58	890147.8	1780.3
E+22hr	4005000	1	good		79385.45	256	3	60000	1	CLEAR1		Non-comp		Sci	79383.95	977978.8	1956.0
Dark	4005001	1	good		79456.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	79454.58	978848.9	1957.7
E+24hr	4005400	1	good		86585.45	256	3	60000	1	CLEAR1		Non-comp		Sci	86583.95	1066679.9	2133.4
Dark	4005401	1	good		86656.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	86654.58	1067550.0	2135.1
E+26hr	4005800	1	good		93785.45	256	3	60000	1	CLEAR1		Non-comp		Sci	93783.95	1155381.0	2310.8
Dark	4005801	1	good		93856.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	93854.58	1156251.1	2312.5
E+28hr	4006200	1	good		100985.45	256	3	60000	1	CLEAR1		Non-comp		Sci	100983.95	1244082.1	2488.2
Dark	4006201	1	good		101056.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	101054.58	1244952.2	2489.9
E+30hr	4006600	1	good		108185.45	256	3	60000	1	CLEAR1		Non-comp		Sci	108183.95	1332783.2	2665.6
Dark	4006601	1	good	cosmics	108256.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	108254.58	1333653.3	2667.3
E+32hr	4007000	1	good		115385.45	256	3	60000	1	CLEAR1		Non-comp		Sci	115383.95	1421484.3	2843.0
Dark	4007001	1	good	cosmics	115456.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	115454.58	1422354.4	2844.7
E+34hr	4007400	1	good		122585.45	256	3	60000	1	CLEAR1		Non-comp		Sci	122583.95	1510185.4	3020.4
Dark	4007401	1	good		122656.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	122654.58	1511055.5	3022.1
E+36hr	4007800	1	good		129785.45	256	3	60000	1	CLEAR1		Non-comp		Sci	129783.95	1598886.5	3197.8
Dark	4007801	1	good		129856.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	129854.58	1599756.6	3199.5
E+38hr	4008200	1	good		136985.45	256	3	60000	1	CLEAR1		Non-comp		Sci	136983.95	1687587.6	3375.2
Dark	4008201	1	good		137056.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	137054.58	1688457.7	3376.9
E+40hr	4008600	1	good		144185.45	256	3	60000	1	CLEAR1		Non-comp		Sci	144183.95	1776288.7	3552.6
Dark	4008601	1	good		144256.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	144254.58	1777158.8	3554.3
E+42hr	4009000	1	good		151385.45	256	3	60000	1	CLEAR1		Non-comp		Sci	151383.95	1864989.8	3730.0
Dark	4009001	1	good		151456.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	151454.58	1865859.9	3731.7

EPOXI HRIV Data Log for Hartley 2 Flyby (Encounter-18 hours through E+48 hours)

Timeline (KPK)	EXPOSURE ID	# of Imgs	Data Quality	Comments	Enctr Time (sec)	Img Size	Inst Mode	TRUE EXP (ms)	Filter #	Filter Name	STIM Dark	Compress Non-comp	Comp LUTID	Img Type	Corrected Time [s]	Est. Range [km]	Est. Scale [m/pix]
E+44hr	4009400	1	good		158585.45	256	3	60000	1	CLEAR1		Non-comp		Sci	158583.95	1953691.0	3907.4
Dark	4009401	1	good		158656.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	158654.58	1954561.1	3909.1
E+46hr	4009800	1	good		165785.45	256	3	60000	1	CLEAR1		Non-comp		Sci	165783.95	2042392.1	4084.8
Dark	4009801	1	good		165856.08	256	3	60000	1	CLEAR1	Dark	Non-comp		Sci	165854.58	2043262.2	4086.5